

SEQUENCE LISTING

(1) GENERAL INFORMATION:

(i) APPLICANT:

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(A) NAME: Bayer AG

(B) STREET: Bayerwerk

(C) CITY: Leverkusen

(E) COUNTRY: Germany

(F) POSTAL CODE: D-51368

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(G) TELEPHONE: 0214/3061455

(H) TELEFAX: 0214/303482

(ii) TITLE OF APPLICATION: Novel hIL-4 mutant proteins as antagonists or partial agonists of human interleukin 4

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(iii) NUMBER OF SEQUENCES: 5

(iv) COMPUTER READABLE FORM:

20

(A) MEDIUM TYPE: Floppy disk

(B) COMPUTER: IBM PC compatible

(C) OPERATING SYSTEM: PC-DOS/MS-DOS

(D) SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)

(2) INFORMATION FOR SEQ ID NO: 1:

25

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 16 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

30

(ii) MOLECULE TYPE: cDNA

09765012-121996

(iii) HYPOTHETICAL: no

(iii) ANTISENSE: no

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(vi) ORIGINAL SOURCE:

(C) INDIVIDUAL/ISOLATE: synthetic

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

10

CATGCACAAG TGCGAT

16

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seq*

(2) INFORMATION FOR SEQ ID NO: 2:

(i) SEQUENCE CHARACTERISTICS:

15

(A) LENGTH: 12 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

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(ii) MOLECULE TYPE: cDNA

(iii) HYPOTHETICAL: no

(iii) ANTISENSE: no

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(vi) ORIGINAL SOURCE:

(C) INDIVIDUAL/ISOLATE: synthetic

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

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ATCGCACTTG TG

12

03765043-421996

(2) INFORMATION FOR SEQ ID NO: 3:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 21 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: cDNA

(iii) HYPOTHETICAL: no

(iii) ANTISENSE: no

(vi) ORIGINAL SOURCE:

(C) INDIVIDUAL/ISOLATE: synthetic

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

20 GCCTCCAAGG ACACAACTGA G

21

(2) INFORMATION FOR SEQ ID NO: 4:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 24 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: cDNA

(iii) HYPOTHETICAL: no

08765042-121996

(iii) ANTISENSE: no

(vi) ORIGINAL SOURCE:
(C) INDIVIDUAL/ISOLATE: synthetic

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(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

GTGAAGGAAG CCGACCAGAG TACG

24

10 (2) INFORMATION FOR SEQ ID NO: 5:

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(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 36 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

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(ii) MOLECULE TYPE: cDNA

20 (iii) HYPOTHETICAL: no

(iii) ANTISENSE: no

(vi) ORIGINAL SOURCE:
(C) INDIVIDUAL/ISOLATE: synthetic

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(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:

CTGGAGACTG CCATGGCCCA CAAGTGCGAT ATCACC

36

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03755012-121996